

## Intron 7 Base No.

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 113. CTCACACTGTAAGAGTTTCGCTATGAGACTTTGGGTGATCTGATTACGATTAATCAAT  
 173. TAAACACGAAGTAAAGCTCTTTCATGTCAGTATTAGTTAACCGTATATCTGTTGATAATG  
 233. AGATTAGTCCCATCAGTTTGATATTTTATTGAAACATATTTTCATATAGTATTGCTTGCA  
 293. TAATTGTTCAATTTGTATCTGTGCTTCTTACCTAAGAAGACCTCCCTTCTACGTTTTTT  
 353. TCTCCATGAAAGACAAGAAGATGTTGTGTAGCAAAATGGATAAGCAGAAAGAAATCTCA  
 413. AGTCTTGTAAACATTTACAGTAGCATGACTAAGGCAGGAGACAACAAAGTAAAGATATT  
 473. GAGAAGTAATCTGTGGCATCTCTCATCTTATGCTGTTTTTTCTAAACAAACACAAAGGA  
 533. GAATAAATTACATTTTCATGAACATTTTGTATTAACTTCAGATAAAGTAAATTTATGGC  
 593. CTTTACACGATCTTGATTATTATGGATTCTGACTATTCCCTTTAAATGTTGAATTGTT  
 653. CACTTTTACCATTAGATCTCAATTCATCTACTTTCTTAGAAGAGCCACTCATTATTAT  
 713. ATTCACCAAGTAATTGTTAAATACCTAATATATGCTAATTGTACTAAGCACTGGAGATAG  
 773. AGCAGTCTTCTGAAAGTTATATCTAGCAGTAAAGATATACAATAAATTTAATAACCACA  
 833. TAAATTATACAATGTGGTAAATCTATAGAGGGATATAAAGCAAGGGGGCATGGGTTTGCT  
 893. AGAAGTTCAAGTTTAGAATAATTAGGCGGACTTCACTCAGAAGTTGTCATTGGAACTAAG  
 953. ACTTGAAGATTGAGAGCAATGTGGATACCTGGGTGATAATATCCAGATGACTGCAAAAG  
 1013. CCCTGGGTAGGAACAAACACAGTGTGAGCAGGAGGCTAATGAGGCCAAGTGAGTTGAG  
 1073. GGGAAAGTAGCAAGATAATGTTAGGGAAGAGGCTAAAGGATCACAAAAGGGCTATTAC  
 1133. AAAGGGATGGTAGGCCACGACAAAGGCTTTGCTTTTATTGTAATGAAATAGCCATTGAC  
 1193. TGAGCATAAAAGTGGCATGATTGATTCTGTTTTAAAGGGATCACCTCGGCTACTGGGT  
 1253. TAAATTTAAATTTATGTGGCTCAAGGATGGGAGGAAGGAGAAGAAATGACCTCTCAGGCTG  
 1313. AGTCAAGCACTGTGATATATACACTTGCAGTACCATAGACCTCCCTGTGTGTAGACTA  
 1373. ACCACAGTTATACTTTTGTCTTGTGTGTGTGATGCTCTTTCCCTTCAGCAATGA  
 1433. AAGATCCATGGAGGAAAGGTCCATATCTAGTTTATATCTGCAGTGTCTTGCAATGGGGAA  
 1493. TGGTGCTCAGTAAACATTTGCTGAATGAAAGAAGGAATAAATTTGCAATATCCCATTT  
 1553. TTCCAAAGTTGAACATGCTTTTTTGTATCTGATTACAGGAACAATAAATTAATTCATTAA  
 1613. CTTTTAGAACATTTTTTAAATGCTTTTATGTGAGCAATTTATTACTAGTTTCAGAAA  
 1673. TACTTTAAATGAGATTAGATAAGTAGTAAATCAGCAATGTCAGTTTATTATATACG  
 1733. TATGATACAGGATCATCCGTAGTTGAAATGATGAAGAGAAAATGAACTGGAAAATGTC  
 1793. TCAAAATGACAGCTATAAAGAGGACACGAGAAATGTAAGATACCTGTATCTAAGACCAAG  
 1853. CCAAGGTTTTATGGGCGTGCTCAGAAATCAATGCTCAGATTATTTTTTTATTCTGTAGC  
 1913. TGTTTCTTGGTGGAGTATAAAACAAAATAGAACTATGACATTATTACTACTGAGATAA  
 1973. AATTAATCAGAAAACGTGTGCCCCCAAAATCATAGGAATGAAATTAACCTTCAGGAT  
 2033. GCGTTATTGGATAGTGTTTAAGGGCTGGATTCTGAGTCAGAAAGATTCTCATTCCAAT  
 2093. GGCAACTCTAATAACTTTCCATCTGTGTGATCTTGACCTCTGAGCTTTGTCTATTTTCACA  
 2153. TCACATTTTTTGCTACAAAGCTGGACTTTATCATATTCCAGGACCTTGACCTTTTCAGTGCAT  
 2213. TTACCTTCGGATTACAGCTTAGAGGGAACACTACTTCCCACTGTCAAGAGATACCAACTCA  
 2273. ACAGGACAAACAAATTACAGCCTGACCCAGTGTCACATTTTCCATAAGCAGTCTTAGAATG  
 2333. CATCTGTGTTATTATCTAGGCATTATATGCTCAATTTGCTCCGATCCATATACATGAGGGC  
 2393. TATGATTCTGCTTCTCTGTTACCTTCACTCCAAATTCAGATGTTTATAATCATTTA  
 2453. TTGATATTGCTGTATAATGATTCTTAAATTCAGTACCCTTGCTGTTATTTTAATGA  
 2513. CTTCACTTCCATCATTAGTTGGATTACTCTGAAAACCTTTAACTGGCATTCTTTTTTT  
 2573. TTTTTTTTTTTTTTTGAGACGGAGTCTTGCTGTGTGGCCAGCGGGAGTGCAAGTGGCG  
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 2693. CCGGATAGCTGGGACTACAGGCGCCGCCATCAGCCCGGCTAATTTTTTTGTATTTTT  
 2753. AGTAGAGACAGGGTTTACCCTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATC  
 2813. CACCCGCTCGGCTCCCAAGTGTGAGGATACAAGCGTGAGCCACCGCGCCGGCCAA  
 2873. CTGGCATTCTTACTCTGCTGCTGCTTCTCCCATCATCCACTGTCCACACAGT  
 2933. GATTGTTCTAAATGCAAAATGCCCTTGTGTAAGCTGGCCCTGCTCCACATTGCTTT  
 2993. TAATTTTAAAGTTCAAACTCCCCATTAGGCTCTGTCATGGCCCTTAACCTCCAGTCTTC  
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 3173. TCCCCATAAGTCAAAATGACTTTTGACCCCGAGTCTGGGTTGGCTGGGTGACTTTCAC  
 3233. TCATTTTTTCAAGAAATCAGCTCAAAAGTCTCTATTTCCTAACCTCATCCCTGGCACATCAG  
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 3353. AGCATTTAATTACAGTTTAAACCCGCACTAGATATATACTATAAATACAAAAATTTAA  
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Fig 1a

## Intron 7 Base No.

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 AGCATTTAATTCAGCTTTTAAACCCGCACTAGATATATACTATAAATACAAAAATTTAA  
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Fig 1b

Intron 8 Base No.1

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AGTCCCAACAATCAGAAGATCGCCTGGATGTCAACAAGGTAAATTCAGAGGGCAAGCCC  
22. TCCTTGCTTCTTAACTCATGGAAGAATGCTAGCAATACAGGTTGATGACCTTGTGTAGC  
82. AAATGAGGAACCAAGCCAGGGAAGAGAATGGGTAATTTCCCAAGCACACAACAA  
142. TTAATGATGGAAGCACAATTAGGGACCAAACTCATGACACAAGATTGGATGCCCTTTCC  
202. ATTAACAAGAGGAGTGACCAACATGAGAAGACCTTTATGATGCTTTCTCACATATTGAG  
262. TATAGTACCTATAATTATTATGCACTCTTAAATTTATTCAACTAATTTATTTAAAG  
322. GAAATTTAATGTTGCTTCAGTCAGTATTACTTGTGACAAATAGCTTTACAAATATATAA  
382. GTAACAAATTTAAAAAATATATCATTAAGTCTCAATTTATCTAGATGAAGTCTCTGGC  
442. CCTGAAATCTGCATTCTCTTGACTTAAAGGAAGATAAGCAAGTATACAGATGTGTAC  
502. AGACCCACCAAGCAACAACTGAGACTTTTTCTTTGAAGCGATCAGAAGAACATAAGAAG  
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742. GGTGCCAATGGAATGACCTGAACAGATTAATAAAAAAATAGTGAAGCCTTGGTCCCCTCCC  
802. CAGAAAATCTGATTGATTCTTCTGGAGAAAGCATGGGCAACACAATTTAAAAAGTTCC  
862. CCAAGTTATTCTAATCTGCATCCAAATTTGAGAATCACCACCTTTAAGGTTTTGATGGTA  
922. GTCCAGTAGAGCCAGCTCTCTTACTCTCAATTTAACTTCACCTGGCTTCTGTTAT  
982. AGCACTTGCTGCACTAACAGAATCTTGTATATGATCTTCCAGAGGCCACATTTAGAC  
1042. CTTTAGCAATAGCCAAAGAAAGCTCTTATTTTCATATCTGCCCTAAATCTGTTATGAA  
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1162. CAATCCTCTTAAACCATTTGGAATTATTAATTAACAAAGCTGATTTATTTCTTGATG  
1222. TTTTGATATTTCTAACTTCAATTAATTTCAAGGATAGCAAGTATAAATACTCTGCCC  
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1462. AGGGCTAGGAAATTTGCAAAATCTTCCACACCCCAAGGTTTTACTTATTGGAATCTGC  
1522. CAATAGATTCCAATTTACCATTATGGTTCTCTCAGGCTGTCAATGAAAGAGTATTTCT  
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1642. TAAATAAACAAACAAATAATGCTATCTCATAGGACTTCAAAATGAGTCTAAATCAATTGC  
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1762. TTTTATACCAATTTGCATTTAAATGATAAAGTTAAGACCTAGAGGGAGGAGTTTTATAC  
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1882. CAGTTACCCCATAGTGGTGAAGGCTTATCTCTTGGTTGAAGGTAGACCCCTACCATTCA  
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2002. TCTCAAAACAGGGTCAATTTCTTCTCCAGAGGACATTAGGCAATGCTGAGAGACATCTT  
2062. TCATTTTAAAAATATAGGATGAGGTTTACTACTGGTATCTAGTGTGTAGAGGCCAGGT  
2122. TGCTGTGCACATTGGCAGTGTGCAGGATAGCTTCCCTGTAACCTTCTGTTTTCAACA  
2182. TGAGAACTGAGGTACTGAAAAATAATATCCTTGTCTCTAATATTTCTTAGCAAAAT  
2242. TGTTTCTCCATTTTCTTTGAGCAGCATGTGAAGAATCAAGACATCATGAGTCATGGTT  
2302. AGAACAATGGTCTGAACAAATATTTAGAGTCAAGTTCAATATTACCTTCCCATTTAA  
2362. CAACCTGGGTGACAGTAGACAAAAATTTAGCCTCTCTGGCCCTTTAGTTTTCTCATCTGT  
2422. GAAACAGGGTAAATTCCTCTTTATAAAGTTACTCATGAACATAATTTGTGATAATGTGCA  
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2542. AATATTAATAATATAAAGTGGTAGGCATTATTACTTTTAAAAATAAATTTGCAGTCCC  
2602. CATACTTATTGGTGATGCTAGCGTGTGTCTTATATGCTCTACCATGTGGAATGCAGTA  
2662. GCATCCCTAAGCAGTGTATTGTTTACAGGAATGTTTTATGTTAGAAGTTTTAAAGTC  
2722. AAATCAAGAAATCATTTTCAAGGGTATTAGCTATAAAATCTATAGCAAACTCACTGC  
2782. ATCAAACTCTATTAATTTTCTTAGAGCAGAAACCTACAAACCATTTTGATTAGATTA  
2842. AAACAAATGCTGACCATCAAGCTTCCAGACTCCCACTATTCTTTGTTCAACCCAGCAT  
2902. GAAAGGTTAGAGGAGGTCCACATTGCTCCTGATTATGCGGTGCTGTCTTTGTGTGAGCA  
2962. TCAATGAATAATACCAACCCCATTTCTTATCAAGAAATGTCCTTCTTTCAACTGTAATCT  
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Fig 2

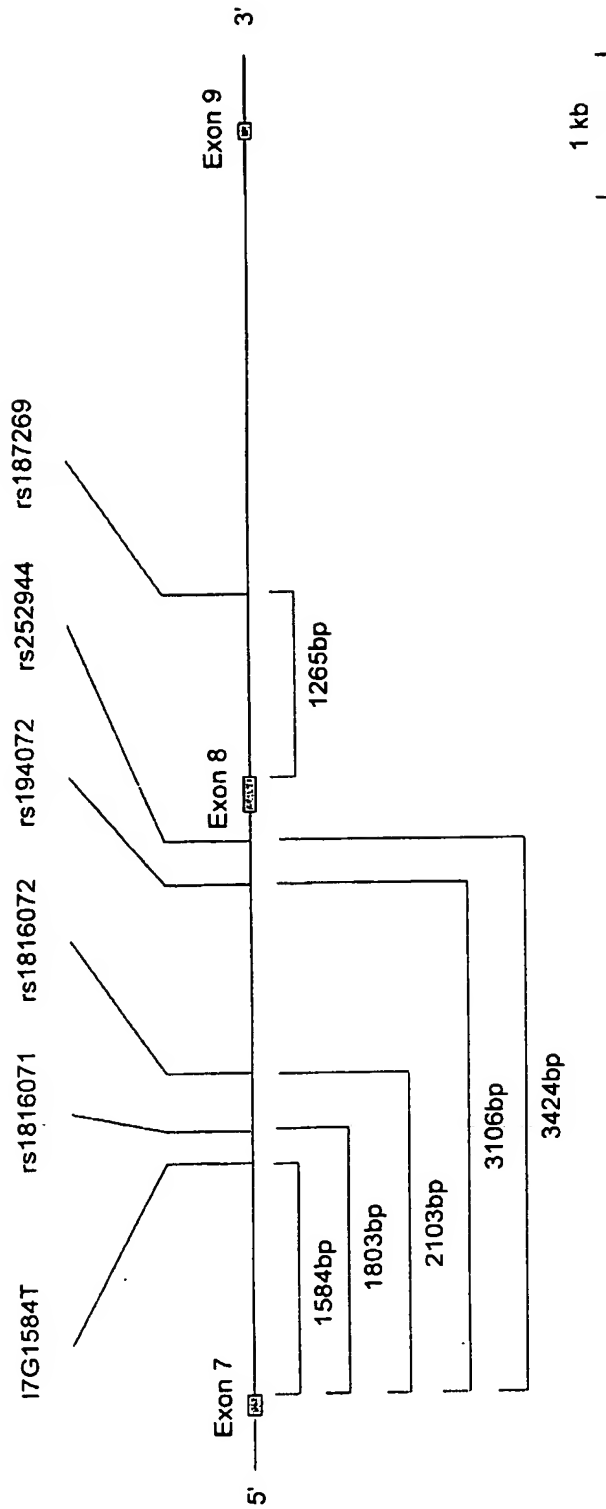
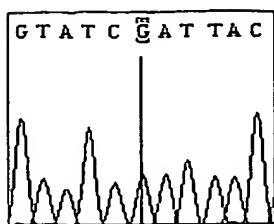


Fig 3

WO 2004/087948

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PCT/CN2004/000287



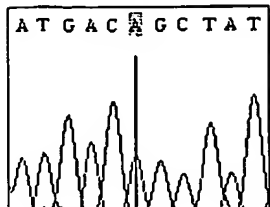
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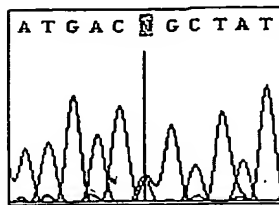
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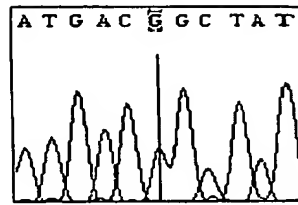
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rs1816071 (A/A)



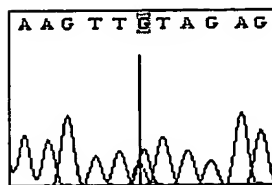
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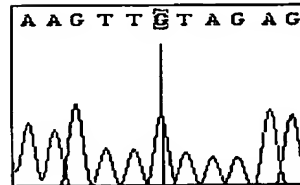
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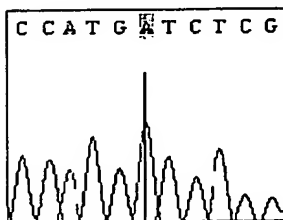
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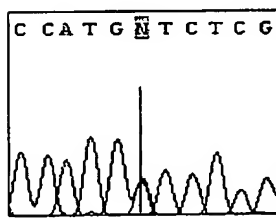
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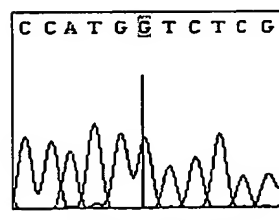
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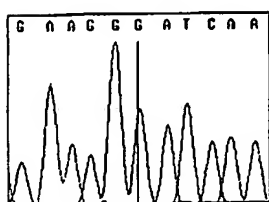
rs194072 (T/T)



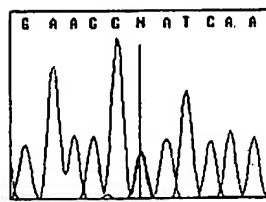
rs194072 (T/C)



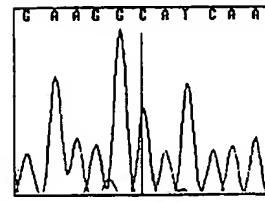
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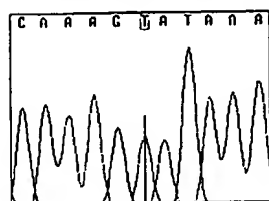
rs252944 (G/G)



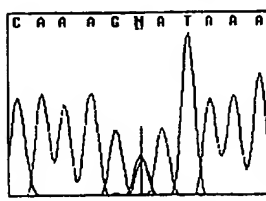
rs252944 (G/C)



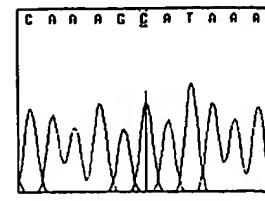
rs252944 (C/C)



rs187269 (T/T)



rs187269 (T/C)



rs187269 (C/C)

Fig 4